

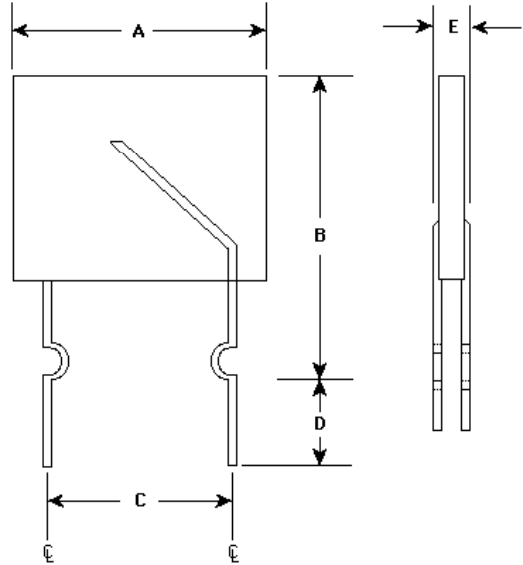
**Specification Status: Released**

**Electrical Rating**  
Voltage: 30V MAX  
Current: 100A MAX

**Insulating Material:**  
None

**Lead Material:**  
20 AWG Tin Plated Copper

**Marking:**  
None



**TABLE I. DIMENSIONS:**

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	10.4	--	17.3	4.3	5.8	7.6	--	--	2.0
in*:	--	(0.41)	--	(0.68)	(0.17)	(0.23)	(0.30)	--	--	(0.08)

\*Rounded off approximation

**TABLE II. PERFORMANCE RATINGS:**

I HOLD	CURRENT RATINGS		TIME TO TRIP	RESISTANCE		ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP	TRIPPED POWER DISSIPATION	
	AMPS 20°C HOLD	AMPS AT 20°C HOLD   TRIP	SECONDS AT 8A 20°C, MAX	OHMS AT 20°C MIN	OHMS AT 20°C MAX	OHMS AT 20°C MAX	WATTS AT 20°C NOMINAL	WATTS AT 20°C MAX
3.0	3.0	6.0	7.0	0.03	0.048	0.072	2.0	2.38

Agency Recognitions: UL, CSA, TUV  
 Reference Documents: PS300  
 Precedence: This specification takes precedence over documents referenced herein.  
 Effectivity: Reference documents shall be the issue in effect on the date of invitation for bid.  
 CAUTION: Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame

**Materials Information**

**ROHS Compliant**

**ELV Compliant**

**Pb-Free**

Directive 2002/95/EC  
Compliant

Directive 2000/53/EC  
Compliant





Expertise Applied | Answers Delivered

**PolySwitch®**  
**PTC Devices**  
**Overcurrent Protection Device**

**PRODUCT: RUEF300U**

DOCUMENT: SCD26845  
REV LETTER: E  
REV DATE: JULY 26, 2016  
PAGE NO.: 2 OF 2

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